

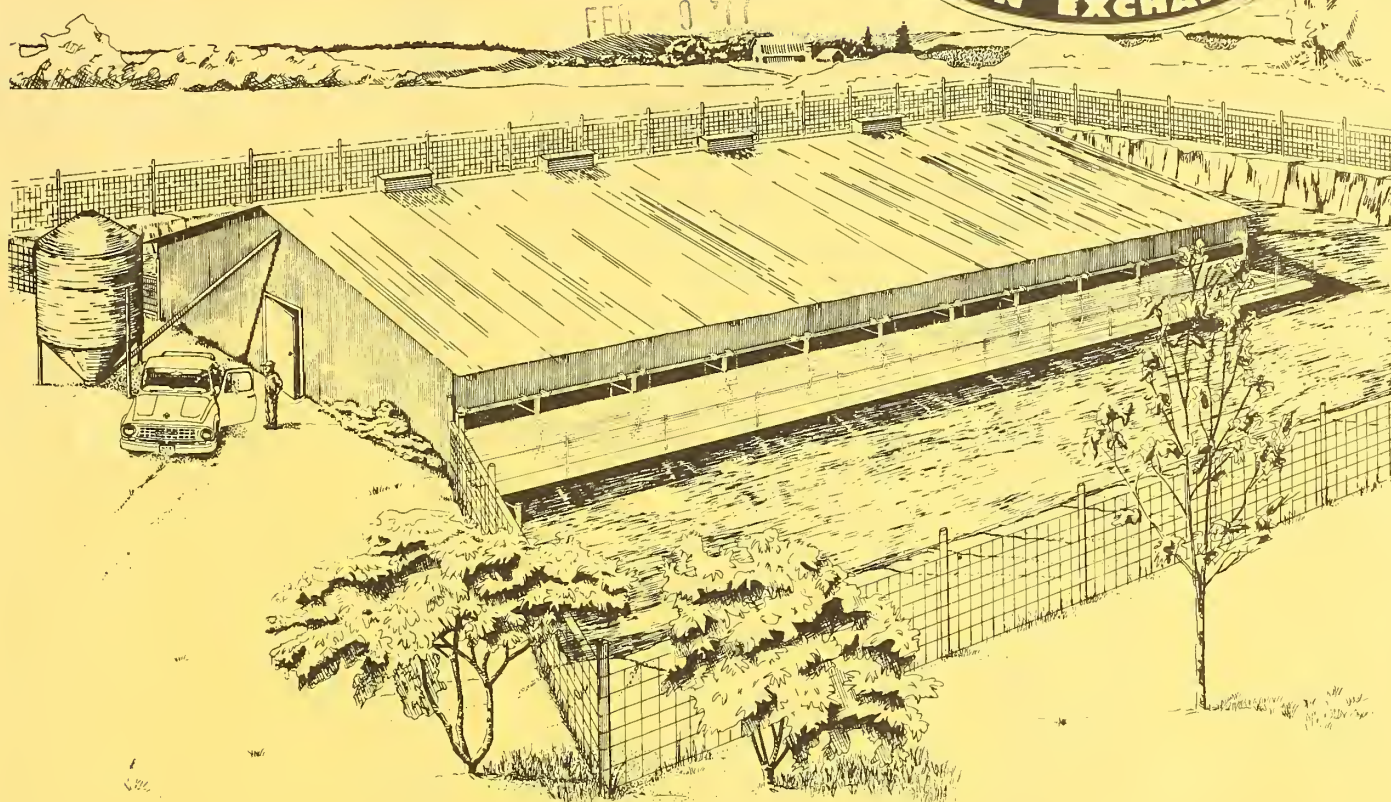
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FINISHING PARLOR for HOGS

Slatted Floor Over Lagoon



In developing swine production facilities, the need for good planning becomes increasingly important as producers continue to move animals into confinement. In planning and designing facilities for the most economical, efficient, and convenient system, each component should be selected for a specific purpose or function and its relationship with other components. The system should be a continuous flow operation so that movement of animals into, out of, through, and from one unit to another unit is smooth.

The design for finishing buildings is essentially the same as that for nurseries where control of environmental condition is of major importance. However, the plans must allow more space per animal.

This swine finishing parlor was designed at Auburn University, Auburn, Ala. The parlor, a sanitary and economical shelter, may be used for several types of pork production systems and can be expanded in multiples of 8 feet. With a completely slatted floor, the parlor is 36 feet wide and 88 feet long. The end walls are closed,

but the sidewalls are open to permit maximum air movement through the pens in warm weather. An adjustable curtain on each sidewall is suggested for control of temperature within the structure.

Under the metal roof, insulation and vapor barrier is installed to help resist heat gain within the building in the summer and reduces the possibility of condensation on the underside of the roofing in winter. The water area or lagoon under the slatted floor should be large enough to assure proper decomposition of waste material.

Before starting construction, consult local health and building authorities to be sure that the plan conforms with local codes and regulations.

Complete working drawings may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

If you do not know the location of your State university, send your request to Agricultural Engineer, Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university.

ORDER PLAN NO. 6178, FINISHING PARLOR FOR HOGS—SLATTED FLOOR OVER LAGOON.

